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Agency Code:	11038	Agent(s):	zhang wei

Applicant Address:

Postcode: Field Classification:

Title: Mobile station

IPC: H04Q 7/32

Applicant(s): Matsushita Electric Industrial Co., Ltd.

Inventor(s): Sato Sojiaki

Abstract:

A mobile station is provided for autonomously detect an abrupt change of a propagation environment of a radio wave signal from a base station for servicing a peripheral cell and immediately executing a peripheral cell search. In order to execute a received signal strength indication plural times within one period of the peripheral cell search, the mobile station operates to set a cell search execution period Delta1 to a timer of a peripheral cell search controller and a RSSI measuring execution period Delta2 to a timer. The RSSI measuring unit operates to measure the RSSI in the receiving band at each RSSI measuring execution period Delta2 and immediately execute the peripheral cell search when the peripheral cell search controller determines that the RSSI has greatly varied.

Claim(s):

Priority:

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PCT

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